

## ABSTRACT

5 A portable camera with inbuilt printer device, has input means for uploading software. The camera includes a digital image capture device, an inbuilt programming language interpreter internally connected to the digital image capture device for the manipulation of the digital image captured by the capture device and a script input means for inputting a self documenting program script for the manipulation and filtering of said captured digital image to produce visual alterations of the image. A card reader optically reads the script printed as an array of dots on one surface of a portable card, which has a visual example of the likely effect of the script on a second surface of the card.

10 The script is interpreted and executed by the interpreter to modify the captured digital image in accordance with the script to produce a digital image modified, in a manner as visually exemplified on said second surface of said card, which is then printed out on the inbuilt printer device.

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